

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in this application.

Listing of Claims:

1. (Currently Amended) A method executed by a processor for identifying cells in a path in a flowchart, the method comprising:

- (a) displaying a flowchart comprising a plurality of cells;
- (b) ~~selecting~~ receiving, from a user, a selection of a cell in the flowchart;
- (c) determining a path comprising the selected cell; and
- (d) identifying, to the user, at least some of the cells in the path in a way that distinguishes the at least some of the cells in the path from at least some of the other cells in the flowchart that are not in the path.

2. (Currently Amended) The ~~invention~~ method of Claim 1, wherein (c) comprises determining a last selected path comprising the selected cell.

3. (Currently Amended) The ~~invention~~ method of Claim 1, wherein (c) comprises determining a most-frequently selected path comprising the selected cell.

4. (Currently Amended) The ~~invention~~ method of Claim 1, wherein (c) comprises randomly determining a path comprising the selected cell.
5. (Currently Amended) The ~~invention~~ method of Claim 1, wherein (c) comprises semi-randomly determining a path comprising the selected cell.
6. (Currently Amended) The ~~invention~~ method of Claim 1, wherein the flowchart comprises a beginning cell and an end cell, and wherein the path determined in (c) comprises the beginning and end cells.
7. (Currently Amended) The ~~invention~~ method of Claim 1, wherein the flowchart comprises a beginning cell and an end cell, and wherein the path determined in (c) does not comprise at least one of the beginning and end cells.
8. (Currently Amended) The ~~invention~~ method of Claim 1, wherein the path determined in (c) comprises at least one of a beginning cell and an end cell, and wherein the at least some of the cells identified in (d) comprise the at least one of the beginning and end cells.
9. (Currently Amended) The ~~invention~~ method of Claim 1, wherein the path determined in (c) comprises at least one of a beginning cell and an end cell, and wherein the at least some of the cells identified in (d) do not comprise the at least one of the beginning and end cells.

10. (Currently Amended) The ~~invention~~ method of Claim 1, wherein the at least some of the cells are identified in (d) by displaying the at least some of the cells differently from all of the other cells in the flowchart.

11. (Currently Amended) The ~~invention~~ method of Claim 1, wherein the flowchart is displayed in a first display region, and wherein the at least some of the cells are identified in (d) by displaying a textual view of the at least some of the cells in a second display region.

12. (Currently Amended) The ~~invention~~ method of Claim 1, wherein the flowchart is displayed in a first display region, and wherein the at least some of the cells are identified in (d) by displaying a copy of the at least some of the cells in a second display region.

13. (Currently Amended) The ~~invention~~ method of Claim 1, wherein (d) comprises identifying at least four cells in the path.

14. (Currently Amended) The ~~invention~~ method of Claim 1, wherein (d) comprises identifying all of the cells in the path.

15. (Currently Amended) The ~~invention~~ method of Claim 1, wherein the at least some of the cells are identified in (d) by highlighting the at least some of the cells in the flowchart.

16. (Currently Amended) The ~~invention~~ method of Claim 1, wherein the at least some of the cells are identified in (d) by enlarging the at least some of the cells in the flowchart.

17. (Currently Amended) The ~~invention~~ method of Claim 1, wherein the at least some of the cells are identified in (d) by enlarging the at least some of the cells in the flowchart and reducing the at least some of the other cells in the flowchart.

18. (Currently Amended) The ~~invention~~ method of Claim 1, wherein the at least some of the cells are identified in (d) by enlarging and aligning the at least some of the cells in the flowchart.

19. (Currently Amended) The ~~invention~~ method of Claim 1, wherein (b) comprises ~~selecting~~ receiving, from the user, a selection of only a single cell in the flowchart.

20. (Currently Amended) The ~~invention~~ method of Claim 1 further comprising selecting at least one additional cell in the flowchart, and wherein (c) comprises determining a path comprising the selected cell and the at least one additional cell.

21. (Currently Amended) The ~~invention~~ method of Claim 20, wherein the selected cell comprises a master cell, and wherein (c) comprises determining a path between the master cell and the at least one additional cell.

22. (Currently Amended) The ~~invention~~ method of Claim 1 further comprising:

determining N additional path(s) comprising the selected cell; and
identifying at least some of the cells in each of the N additional path(s).

23. (Currently Amended) The ~~invention~~ method of Claim 22, wherein the first-mentioned path and the N additional path(s) comprise the last N+1 selected paths comprising the selected cell.

24. (Currently Amended) The ~~invention~~ method of Claim 1 further comprising:

- (e) selecting an additional cell in the flowchart;
- (f) determining a path comprising the selected additional cell; and
- (g) identifying at least some of the cells in the path determined in (f) along with the at least some of the cells in the path determined in (d).

25. (Currently Amended) The ~~invention~~ method of Claim 1, wherein (c) comprises determining a plurality of paths comprising the selected cell, wherein the invention further comprises selecting one of the plurality of determined paths, and wherein (d) comprises identifying at least some of the cells in the selected one of the plurality of determined paths.

26. (Currently Amended) The ~~invention~~ method of Claim 25, wherein the plurality of paths comprises every path comprising the selected cell.

27. (Currently Amended) The ~~invention~~ method of Claim 1 further comprising displaying a textual view of cells that fan-in and fan-out of the selected cell.

28. (Currently Amended) The ~~invention~~ method of Claim 1, wherein at least one of the plurality of cells comprises an instruction to trigger a piece of media.

29. (Currently Amended) The ~~invention~~ method of Claim 1, wherein at least one of the plurality of cells comprises an instruction to gather user input.

30. (Currently Amended) The ~~invention~~ method of Claim 1, wherein at least one of the plurality of cells comprises an instruction to process data.

31. (Currently Amended) The ~~invention~~ method of Claim 1 further comprising playing the flowchart, wherein the cell selected in (b) comprises a cell selected by a user during the playing of the flowchart, and wherein the path determined in (c) comprises the path that was traversed during the playing of the flowchart.

Claims 32-64 (Cancelled)

65. (Currently Amended) A method executed by a processor for identifying cells in a path in a flowchart, the method comprising:

- (a) displaying a flowchart comprising a plurality of cells, wherein the plurality of cells define a plurality of paths;
- (b) receiving, from a user, a selection of a single cell in the flowchart;
- (c) in response to the selection of the single cell in the flowchart, determining a path comprising the single cell; and
- (d) identifying, to the user, at least some of the cells in the path determined in (c) in a way that distinguishes the at least some of the cells in the path from at least some of the other cells in the flowchart that are not in the path.

66. (Currently Amended) The ~~invention~~ method of Claim 65, wherein the user selects the single cell by positioning a pointer over the single cell.

67. (Currently Amended) The ~~invention~~ method of Claim 65, wherein the path is determined in (c) based on the history of the single cell and the history of cells above and below it, if any, in succession.

68. (Currently Amended) The ~~invention~~ method of Claim 65, wherein (c) comprises, starting with the single cell being a given cell:

- (c1) determining which cell directly connected to the given cell was in a determined path the last time the given cell was in a determined path; and
- (c2) repeating (c1) with the given cell being the cell determined in (c1).

69. (Currently Amended) The ~~invention~~ method of Claim 65, wherein the at least some of the cells are identified to the user in (d) by displaying the at least some of the cells differently from the at least some of the other cells in the flowchart.

70. (Currently Amended) The ~~invention~~ method of Claim 65, wherein the flowchart is displayed in a first display region, and wherein the at least some of the cells are identified to the user in (d) by displaying a textual view of the at least some of the cells, but not of the at least some of the other cells in the flowchart, in a second display region.

71. (Currently Amended) The ~~invention~~ method of Claim 65, wherein the flowchart is displayed in a first display region, and wherein the at least some of the cells are identified to the user in (d) by displaying a copy of the at least some of the cells, but not of the at least some of the other cells in the flowchart, in a second display region.

72. (Currently Amended) A method executed by a processor for identifying cells in a path in a flowchart, the method comprising:

(a) displaying a flowchart comprising a plurality of cells, wherein the plurality of cells define a plurality of paths;

(b) receiving, from a user, a selection of a cell in the flowchart;

(c) determining a path comprising the selected cell based on the history of the selected cell and the history of cells above and below it, if any, in succession; and

(d) identifying, to the user, at least some of the cells in the path determined in (c) in a way that distinguishes the at least some of the cells in the path from at least some of the other cells in the flowchart that are not in the path.

73. (Currently Amended) The ~~invention~~ method of Claim 72, wherein (c) comprises, starting with the selected cell being a given cell:

(c1) determining which cell directly connected to the given cell was in a determined path the last time the given cell was in a determined path; and

(c2) repeating (c1) with the given cell being the cell determined in (c1).

74. (Currently Amended) The ~~invention~~ method of Claim 72, wherein (b) comprises positioning a pointer over the cell.

75. (Currently Amended) The ~~invention~~ method of Claim 72, wherein the at least some of the cells are identified to the user in (d) by displaying the at least some of the cells differently from the at least some of the other cells in the flowchart.

76. (Currently Amended) The ~~invention~~ method of Claim 72, wherein the flowchart is displayed in a first display region, and wherein the at least some of the cells are identified to the user in (d) by displaying a textual view of the at least some of the cells, but not of the at least some of the other cells in the flowchart, in a second display region.

77. (Currently Amended) The ~~invention~~ method of Claim 72, wherein the flowchart is displayed in a first display region, and wherein the at least some of the cells are identified to the user in (d) by displaying a copy of the at least some of the cells, but not of the at least some of the other cells in the flowchart, in a second display region.

78. (Currently Amended) A method executed by a processor for identifying cells in a path in a flowchart, the method comprising:

- (a) displaying a flowchart in a first display region, wherein the flowchart comprises a plurality of cells defining a plurality of paths;
- (b) receiving, from a user, a selection of a cell in the flowchart;
- (c) determining a path comprising the selected cell; and
- (d) identifying, to the user, at least some of the cells in the path by displaying a textual view of the at least some of the cells in the path, but not of at least some of the other cells in the flowchart that are not in the path, in a second display region, whereby the at least some of the cells in the path are identified in a way that distinguishes the at least some of the cells in the path from the at least some of the other cells in the flowchart that are not in the path.

79. (Currently Amended) The ~~invention~~ method of Claim 78, wherein (b) comprises positioning a pointer over the cell.

80. (Currently Amended) The ~~invention~~ method of Claim 78, wherein the path is determined in (c) based on the history of the selected cell and the history of cells above and below it, if any, in succession.

81. (Currently Amended) The ~~invention~~ method of Claim 78, wherein (c) comprises, starting with the selected cell being a given cell:

(c1) determining which cell directly connected to the given cell was in a determined path the last time the given cell was in a determined path; and

(c2) repeating (c1) with the given cell being the cell determined in (c1).

82. (Currently Amended) A method executed by a processor for building a flowchart along a single path, the method comprising:

(a) displaying a flowchart in a first display region, wherein the flowchart comprises a plurality of cells defining a plurality of paths;

(b) simultaneously displaying a textual view of at least some of the cells along a single path in the flowchart in a second display region and receiving input from a user in the second display region, wherein a textual view of cells not along the single path in the flowchart are is not displayed in the second display region, whereby the input is received in the second display region while the second display region displays the textual view of the at least some of the cells along the single path in the flowchart; and

(c) in response to the input received in (b) in the second display region, applying the input to the first display region.

83. (Currently Amended) The ~~invention~~ method of Claim 82, wherein (c) comprises in response to adding new text in the second display region, creating a new cell in the flowchart in the first display region.

84. (Currently Amended) The ~~invention~~ method of Claim 82, wherein (c) comprises in response to deleting existing text in the second display region, deleting a corresponding existing cell in the flowchart in the first display region.

85. (Currently Amended) The ~~invention~~ method of Claim 82, wherein (c) comprises in response to modifying existing text in the second display region, modifying a corresponding existing cell in the flowchart in the first display region.

86. (Currently Amended) The ~~invention~~ method of Claim 82 further comprising determining the single path in response to receiving, from a user, a selection of a single cell in the flowchart.

87. (Currently Amended) The ~~invention~~ method of Claim 82 further comprising determining the single path based on the history of a selected cell and the history of cells above and below it, if any, in succession.

88. (Currently Amended) The ~~invention~~ method of Claim 82 further comprising determining the single path by, starting with a selected cell being a given cell:

- (i) determining which cell directly connected to the given cell was in a determined path the last time the given cell was in a determined path; and
- (ii) repeating (i) with the given cell being the cell determined in (i).